

ABSTRACT OF THE DISCLOSURE

Filtering for enhancing the reversible compression rate is performed for image data as preprocessing of compression processing. For image processing after the filtering, 5 repeating of compression and decompression according to the reversible compression technique corresponding to the filtering is allowed. As the filtering and reversible compression processing are performed, a sufficient compression ratio is provided and accumulation of image quality degradation 10 by repeating compression and decompression is prevented.